

Attorney's Docket No.: 42P17023

Patent

First Named Inventor: Serrano, et al.

Check One:

- Declaration Submitted with  
Initial Filing OR  
 Declaration Submitted After  
Initial Filing (Surcharge under  
37 C.F.R. § 1.16(e) Required).

Complete If Known:

Application No.: \*\*\*\*\*  
Filing Date: Concurrently Herewith  
Art Unit: Not yet assigned  
Examiner Name: Not yet assigned

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**  
**(FOR INTEL CORPORATION PATENT APPLICATIONS)**

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

the specification of which

**"MEMORY TRACE BUFFER"**

is attached hereto.  
 was filed on (MM/DD/YYYY) \_\_\_\_\_ as  
United States Application Number \_\_\_\_\_  
or PCT International Application Number \_\_\_\_\_  
and was amended on (MM/DD/YYYY) \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application. I do not know and do not believe that the claimed invention was in public use or on sale in the United States of America more than one year prior to this application, nor do I know or believe that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			<u>Priority Claimed?</u>	<u>Certified Copy Attached?</u>		
(Number)	(Country)	(Foreign Filing Date - MM/DD/YYYY)	Yes	No	Yes	No
(Number)	(Country)	(Foreign Filing Date - MM/DD/YYYY)	Yes	No	Yes	No
(Number)	(Country)	(Foreign Filing Date - MM/DD/YYYY)	Yes	No	Yes	No

I hereby appoint the persons listed on Appendix A hereto (which is incorporated by reference and a part of this document) as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the U. S. Patent and Trademark Office connected herewith.

**Direct all correspondence to (check one):**

- Customer Number or Bar Code Label** \_\_\_\_\_ OR  
 **Correspondence Address Below:**

**Mark Van Ness, Reg. No. 39,865**  
**(Name of Attorney or Agent)**  
**BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP**  
**12400 Wilshire Boulevard**  
**Seventh Floor**  
**Los Angeles, California 90025**  
**Telephone: (303) 740-1980**  
**Fax: (303) 740-6962**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor Mauricio J. Serrano

Inventor's Signature Mauricio J. Serrano Date NOV. 18 / 2003

Residence San Jose, California  
(City, State, Country)

Citizenship Colombia  
(Country)

Mailing Address 1082 Delno Street  
San Jose, California 95112

Full Name of Second/Joint Inventor Ali-Reza Adl-Tabatabai

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence Santa Clara, California  
(City, State, Country)

Citizenship USA  
(Country)

Mailing Address 2125 Quinn Avenue  
Santa Clara, California 95051

Full Name of Third/Joint Inventor Anwar Ghuloum

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence Mountain View, California  
(City, State, Country)

Citizenship USA  
(Country)

Mailing Address 547 McCarty Avenue  
Mountain View, California 94041

Full Name of Fourth/Joint Inventor Dong-Yuan Chen

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence Fremont, California  
(City, State, Country)

Citizenship U.S.A.  
(Country)

Mailing Address 261 Guadalupe Terrace  
Fremont, California 94539

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor Mauricio J. Serrano

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence San Jose, California

(City, State, Country)

Citizenship Colombia

(Country)

Mailing Address 1082 Delno Street

San Jose, California 95112

Full Name of Second/Joint Inventor Ali-Reza Adl-Tabatabai

Inventor's Signature Ali. Adl-Tabatabai Date 11-25-2003

Residence Santa Clara, California

(City, State, Country)

Citizenship USA

(Country)

Mailing Address 2125 Quinn Avenue

Santa Clara, California 95051

Full Name of Third/Joint Inventor Anwar Ghuloum

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence Mountain View, California

(City, State, Country)

Citizenship USA

(Country)

Mailing Address 547 McCarty Avenue

Mountain View, California 94041

Full Name of Fourth/Joint Inventor Dong-Yuan Chen

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence Fremont, California

(City, State, Country)

Citizenship U.S.A.

(Country)

Mailing Address 261 Guadalupe Terrace

Fremont, California 94539

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor Mauricio J. Serrano

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence San Jose, California Citizenship Colombia  
(City, State, Country) (Country)

Mailing Address 1082 Delno Street  
San Jose, California 95112

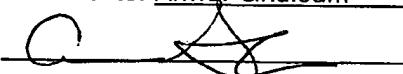
Full Name of Second/Joint Inventor Ali-Reza Adl-Tabatabai

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence Santa Clara, California Citizenship USA  
(City, State, Country) (Country)

Mailing Address 2125 Quinn Avenue  
Santa Clara, California 95051

Full Name of Third/Joint Inventor Anwar Ghuloum

Inventor's Signature  Date Dec. 1 2003

Residence Mountain View, California Citizenship USA  
(City, State, Country) (Country)

Mailing Address 547 McCarty Avenue  
Mountain View, California 94041

Full Name of Fourth/Joint Inventor Dong-Yuan Chen

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence Fremont, California Citizenship U.S.A.  
(City, State, Country) (Country)

Mailing Address 261 Guadalupe Terrace  
Fremont, California 94539

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor Mauricio J. Serrano

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence San Jose, California \_\_\_\_\_ Citizenship Colombia  
(City, State, Country) \_\_\_\_\_ (Country)

Mailing Address 1082 Delno Street  
San Jose, California 95112

Full Name of Second/Joint Inventor Ali-Reza Adl-Tabatabai

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence Santa Clara, California \_\_\_\_\_ Citizenship USA  
(City, State, Country) \_\_\_\_\_ (Country)

Mailing Address 2125 Quinn Avenue  
Santa Clara, California 95051

Full Name of Third/Joint Inventor Anwar Ghuloum

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence Mountain View, California \_\_\_\_\_ Citizenship USA  
(City, State, Country) \_\_\_\_\_ (Country)

Mailing Address 547 McCarty Avenue  
Mountain View, California 94041

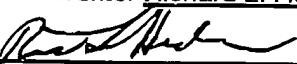
Full Name of Fourth/Joint Inventor Dong-Yuan Chen

Inventor's Signature  Date 11/18/2003

Residence Fremont, California \_\_\_\_\_ Citizenship U.S.A.  
(City, State, Country) \_\_\_\_\_ (Country)

Mailing Address 261 Guadalupe Terrace  
Fremont, California 94539

Full Name of Fifth/Joint Inventor Richard L. Hudson

Inventor's Signature 

Date NOV. 17, 2003

Residence Northampton, Massachusetts  
(City, State, Country)

Citizenship USA

(Country)

Mailing Address 393 Riverside Dr.  
Northampton, Massachusetts 01062

APPENDIX A

William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; W. Thomas Babbitt, Reg. No. 39,591; Jordan M. Becker, Reg. No. 39,602; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Robert Chang, Reg. No. 48, 765; Cory G. Claassen, Reg. No. 50,296; Thomas M. Coester, Reg. No. 39,637; Mimi D. Dao, Reg. No. 45,628; Stephen M. De Clerk, Reg. No. 46,503; Daniel M. De Vos, Reg. No. 37,813; Sanjeet Dutta, Reg. No. 46,145; Tarek N. Fahmi, Reg. No. 41,402; Thomas S. Ferrill, Reg. No. 42,532; George L. Fountain, Reg. No. 36,374; Adam Furst, Reg. No. 51,710; Angelo J. Gaz, Reg. No. 45,907; Andre M. Gibbs, Reg. No. 47,593; Steven R. Gilliam, Reg. No. 51,734; James Y. Go, Reg. No. 40,621; Jeffery S. Heileson, Reg. No. 46,765; James A. Henry, Reg. No. 41,064; William E. Hickman, Reg. No. 46,771; Willmore F. Holbrow III, Reg. No. 41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; Aslam A. Jaffery, Reg. No. 51,841; William W. Kidd, Reg. No. 31,772; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; Steven Laut, Reg. No. 47,736; Suk S. Lee, Reg. No. 47,745; Gordon R. Lindeen III, Reg. No. 33,192; Jan C. Little, Reg. No. 41,181; Joseph Lutz, Reg. No. 43,765; Lawrence E. Lycke, Reg. No. 38,540; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, Reg. No. 48,095; Raul D. Martinez, Reg. No. 46,904; Paul A. Mendonsa, Reg. No. 42,879; Jonathan S. Miller, Reg. No. 48,534; Heather M. Molleur, Reg. No. 50,432; Richard A. Nakashima, Reg. No. 42,023; Thinh V. Nguyen, Reg. No. 42,034; Robert B. O'Rourke, Reg. No. 46,972; Daniel E. Ovanezian, Reg. No. 41,236; Philip A. Pedigo, Reg. No. 52,107; Michael D. Plimier, Reg. No. 43,004; Marina G. Portnova, Reg. No. 45,750; Joseph A. Pugh, Reg. No. 52,137; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Saina S. Shamilov, Reg. No. 48,266; Kevin G. Shao, Reg. No. 45,095; Joni D. Stutman-Horn, Reg. No. 42,173; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Edwin H. Taylor, Reg. No. 25,129; Lisa Tom, Reg. No. 52,291; John F. Travis, Reg. No. 43,203; Kerry D. Tweet, Reg. No. 45,959; Mark C. Van Ness, Reg. No. 39,865; Thomas A. Van Zandt, Reg. No. 43,219; Mark R. Vatuone, Reg. No. 53,719; Lester J. Vincent, Reg. No. 31,460; John P. Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. 46,322; Thomas C. Webster, Reg. No. 46,154; Chui-Kiu Teresa Wong, Reg. No. 48,042; and Norman Zafman, Reg. No. 26,250, my patent attorneys, and Roberta J. Hanson, Reg. No. 51,774; Brent Vecchia, Reg. No. 48,011 and Lehua Wang, Reg. No. 48,023, my patent agents, of BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800, and Alan K. Aldous, Reg. No. 31,905; Shireen I. Bacon, Reg. No. 40,494; R. Edward Brake, Reg. No. 37,784; Ben Burge, Reg. No. 42,372; Glen B. Choi, Reg. No. 43,546; Kenneth Cool, Reg. No. 40,570; Jeffrey S. Draeger, Reg. No. 41,000; Cynthia Thomas Faatz, Reg. No. 39,973; Christopher Gagne, Reg. No. 36,142; Sharmini N. Green, Reg. No. 41,410; Robert Greenberg, Reg. No. 44,133; Bradley Greenwald, Reg. No. 34,341; Libby H. Hope, Reg. No. 46,774; Jeffrey B. Huter, Reg. No. 41,086; Seth Z. Kalson, Reg. No. 40,670; Peter Lam, Reg. No. 44,855; David C. Lundmark, Reg. No. 42,815; Anthony Martinez, Reg. No. 44,223; Paul Nagy, Reg. No. 37,896; Dennis A. Nicholls, Reg. No. 42,036; Michael Proksch, Reg. No. 43,021; Kevin A. Reif, Reg. No. 36,381; Crystal D. Sayles, Reg. No. 44,318; Kenneth M. Seddon, Reg. No. 43,105; Mark Seeley, Reg. No. 32,299; Ami P. Shah, Reg. No. 42,143; David Simon, Reg. No. 32,756; Steven P. Skabrat, Reg. No. 36,279; Howard A. Skaist, Reg. No. 36,008; Paul E. Steiner, Reg. No. 41,326; David Tran, Reg. No. 50,804; Robert G. Winkle, Reg. No. 37,474; Sharon Wong, Reg. No. 37,760; Steven D. Yates, Reg. No. 42,242; Calvin E. Wells; Reg. No. 43,256; Michael Willardson, Reg. No. 50,856 and Charles K. Young, Reg. No. 39,435, my patent attorneys, and George Chen, Reg. No. 50,807; Issac Lin, Reg. No. 50,672; Larry Mennemeier, Reg. No. 51,003; Lanny Parker, Reg. No. 44,281; my patent agents, of INTEL CORPORATION, and James R. Thein, Reg. No. 31,710, my patent attorney.